

Submit to Appropriate  
District Office  
State Lease -- 6 copies  
Fee Lease -- 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells) 3D-025-20011
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. LC-054668
7. Lease Name or Unit Agreement Name Farnsworth 4
8. Well No. 14
9. Pool name or Wildcat Rhodes (Yates Seven Rivers)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	7. Lease Name or Unit Agreement Name Farnsworth 4
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Meridian Oil Inc.	8. Well No. 14
3. Address of Operator 21 Desta Dr., Midland, TX 79705	9. Pool name or Wildcat Rhodes (Yates Seven Rivers)
4. Well Location Unit Letter P : 990 Feet From The South Line and 660' Feet From The East Line Section 4 Township 26 South Range 37 East NMPM Lea County	

10. Proposed Depth 3070'	11. Formation Yates	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 2985' GR.	14. Kind & Status Plug. Bond Blanket	15. Drilling Contractor Eastland Drilling Co.
16. Approx. Date Work will start 22 February 1990		

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	355'	300 sx	Surface
7 7/8"	5 1/2"	14#	3290'	250 sx	2420'

The present productive zone is the Queen (perforated 3328'-3260' w/5 shots). It was originally completed in 1961. PLANS: Set a CIBP at 3100' and dump bail 30' cement on top by wireline. Proposed Yates perforations are 2780'-2938'. The top of the Yates is 2636' and the top of the Seven Rivers is 2869' by electric logs. Planned stimulation is 40,000 gals. CO2 foam with 55,000# sand pumped through 2 7/8" tubing w/a treating packer set @2700'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert L. Bradshaw TITLE Sr. Staff Env./Reg. Specialist DATE 2/02/90  
TYPE OR PRINT NAME Robert L. Bradshaw TELEPHONE NO. 915/686-5678

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

FEB 08 1990

Fairweather 4 #14  
 990' FSL 660' FEL Sec. 4 26S 37E  
 Langie Mattix 7 Rvrs Qn Grig  
 Lea County, NM

2/2/90 bla

Unit D

-711090-00

Eastland Drilling Co.

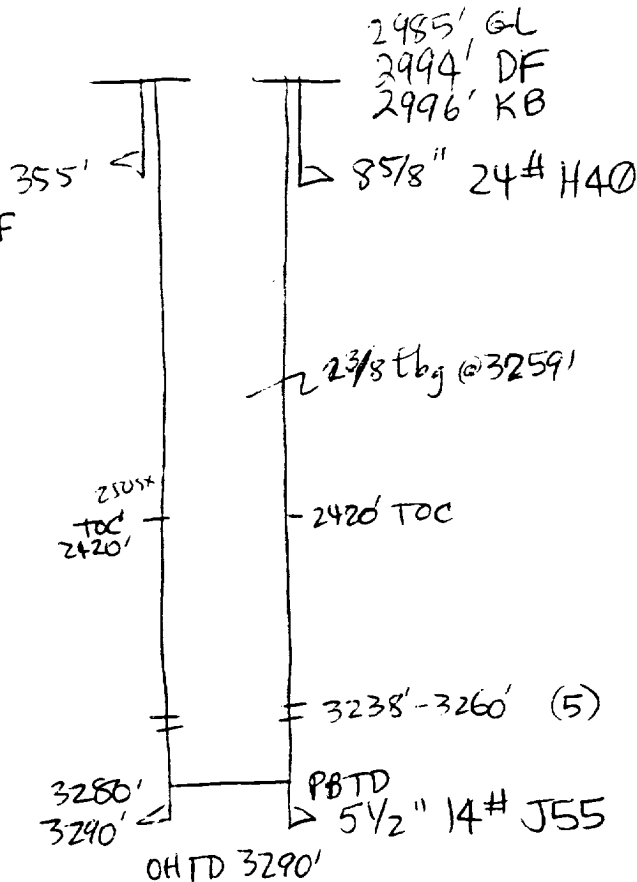
WI .984375 NRI .34902343

1/63 perf 3238, 40, 42, 57, 60

at 1000g

+ 10Mg/10M# sd 27 bpm  
 oil 2500 psi

IP 96 BO 18 BW 33° 154 MCF



top Yates 2636  
 7 Rvrs 2879  
 Queen 3236

Yates porosity

2780-88	8'
2796-2804	8'
2808-12	4'
2814-16	2'
2818-24	6'
2845-68	23'
2871-77	6'
2900-16	16'
2922-38	16'
	<hr/>
	89'